

IUM Engineering Congress 2014

SUSTAINABLE TECHNOLOGY FOR THE BETTERMENT OF HUMAN LIFE

Sunway Putra Hotel, Kuala Lumpur, Malaysia

23rd – 25th September 2014

PROGRAMME BOOK

5th International Conference on Computer and Communication Engineering 2014

3rd International Conference on Mathematical Application in Engineering 2014

2nd International Conference on Advances in Manufacturing and Materials Engineering 2014



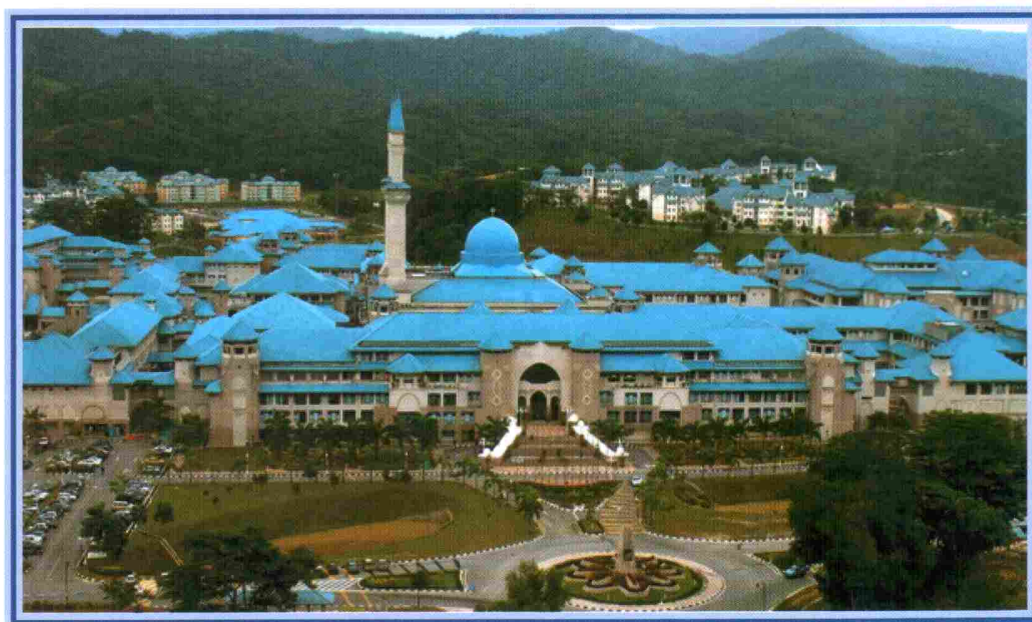
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Kulliyah of Engineering



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ICMAE '14

2B: Numerical methods			
Chairperson: Dr. Jamal I. Daoud		Venue: Meeting room 1	
12.00 – 12.15	12.15 – 12.30	12.30 – 12.45	12.45 – 13.00
(SC_10) A New Nonlinear Conjugate Gradient Method with Global Convergence Properties Ahmad Alhawarat and Ismail Mohd Malaysia	(SC_33) Solution of Cubic-Quintic Duffing Oscillators Using Harmonic Balance Method Md. Alal Hosen and M.S.H. Chowdhury Malaysia	(SC_43) Finite Element Method in a Parallel Action with Flexural Vibration Data to Estimate Shear Moduli of Wood Mehran Roohnia Iran	(SC_50) Diagonally Implicit Hybrid Method for Solving Special Second Order Ordinary Differential Equations Faieza Samat and Mohamed Suleiman Malaysia
LUNCH BREAK 13.00-14.00			
Parallel Technical Sessions 3, Tuesday, 23 September 2014: 14.00 – 15.00			
3A: Advanced analysis and modelling			
Chairperson: Dr. Bekbaev Ural		Venue: Enggang Level 9	
14.00 – 14.15	14.15 – 14.30	14.30 – 14.45	14.45 – 15.00
(SC_20) Periodic Cellular Automata of Period-2 Nasir Ganikhodjaev, M. Saburov and N. R. Mohamad Asimoni Malaysia	(SC_47) Import Demand Function for Writing and Printing Paper in Iran Ajang Tajdini and Mehran Roohnia Iran	(SC_54) Formulation for Curved Crack Problem in Finite Plate Formulation for Curved Crack Problem in Finite Plate R. Ghorbanpoor, N.M.A. Nik Long, Z.K. Eshkuvatov Malaysia	(SC_71) Mathematics: Bottleneck of Cancer Research Shoon Lei Win, Zaw Zaw Htike, Faridah Yusof, Ibrahim Ali Noorbachcha Malaysia
3B: Numerical methods			
Chairperson: Dr. Gharib Subhi Mahmoud		Venue: Meeting room 1	
14.00 – 14.15	14.15 – 14.30	14.30 – 14.45	14.45 – 15.00
(SC_63) Johnson Cook Constitutive Modeling for Boron Steel in Hot Forming Process Ir. Azman Senin Malaysia	(SC_80) Homotopy Perturbation Method for Solving Perturbation Problems M. S. H. Chowdhury Malaysia	(SC_81) Solutions of Higher Order Boundary Value Problems by Homotopy Perturbation Method Nur Isnida Razali and M. S. H. Chowdhury Malaysia	(SC_99) Buckling Analysis of Isotropic Circular Plate with Attached Annular Piezoceramic Plate Syed Noh, Mostafa M. Abdalla and Waleed F. Faris Malaysia